

Small
Business
Innovation
Research

Distributed Object-Type Management System for Heterogeneous Environments

REI Systems, Inc.
McLean, VA



INNOVATION

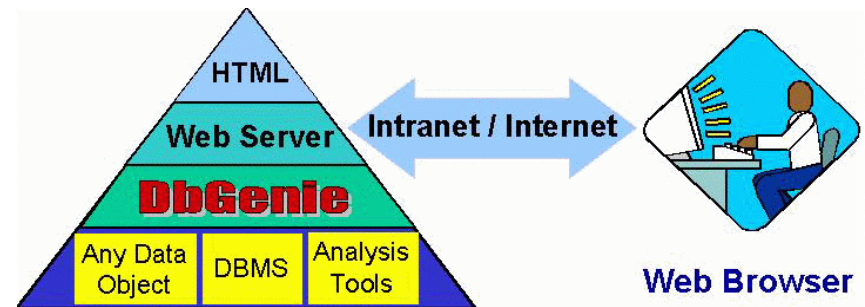
Web-based Electronic Handbooks (EHBs)
to manage complex distributed information-intensive
processes in an integrated and intuitive environment

ACCOMPLISHMENTS

- ◆ EHBs feature a powerful, role-based security system to provide flexible access controls while maintaining security
- ◆ Developed the Access Control Module (DgACM) for role-based security
- ◆ Developed EHB paradigm in partnership with NASA's Goddard Space Flight Center
- ◆ Developed the DbGenie middleware component enabling Web browser access
- ◆ Successfully applied by NASA's SBIR, Education, and MURED programs

COMMERCIALIZATION

- ◆ 5 year Phase III Contract Award for electronic support of SBIR/STTR programs valued for \$5.9M
- ◆ Other federal agencies such as Department of Justice and Department of Interior are implementing the EHB
- ◆ Teaming arrangements with commercial firms for other vertical applications



Web-base Electronic Handbooks System

- ◆ Commercial ready version of DbGenie middleware under development
- ◆ Hired 25 additional staff to implement EHB technology for other diverse applications

GOVERNMENT/SCIENCE APPLICATIONS

- ◆ Technology has been used for numerous NASA programs including: Small Business Innovation Research (SBIR); Small Business Technology Transfer (STTR); Education Division Computer Aided Tracking System (EDCATS); Minority University Research and Education Division (MURED); and NASA On-line Directives Information System (NODIS)

Goddard Space Flight Center
1990 Phase II, SS5-006, 2/24/98

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